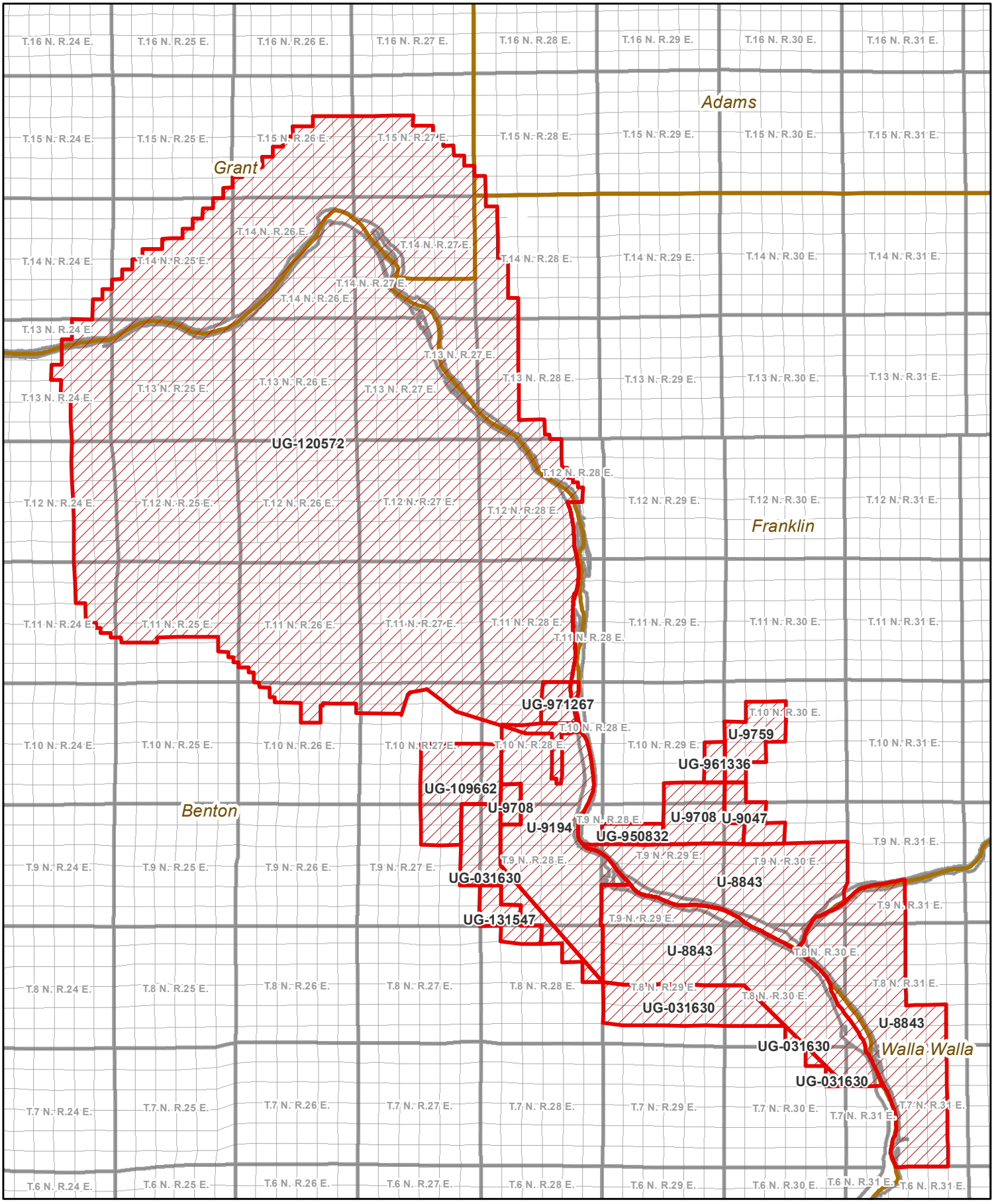APPENDIX A-12